

7th Six Months  
Revised 12/16/02

**APPRENTICE RECORD  
HEP ELECTRICIAN  
RELATED TRAINING**

**BEGINNING W/GROUP #XXX**

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SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
1. Introduction to Air Conditioning and Refrigeration	TPC Training Systems #431 Air Conditioning and Refrigeration Systems Maintenance	Unit 431: 10 Study Hours Request and complete Handout Exam.	Unit 431		
2. Refrigerants and Refrigerant Oils	TPC Training Systems #432 Air Conditioning and Refrigeration Systems Maintenance	Unit 432: 10 Study Hours Request and complete Handout Exam.	Unit 432		
3. Air Conditioning and Refrigeration Compressors	TPC Training Systems #433 Air Conditioning and Refrigeration Systems Maintenance	Unit 433: 10 Study Hours Request and complete Handout Exam.	Unit 433		
4. Air Conditioning and Refrigeration Evaporation	TPC Training Systems #434 Air Conditioning and Refrigeration Systems Maintenance	Unit 434: 10 Study Hours Request and complete Handout Exam.	Unit 434		
5. Condensers and Cooling Towers	TPC Training Systems #435 Air Conditioning and Refrigeration Systems Maintenance	Unit 435: 10 Study Hours Request and complete Handout Exam.	Unit 435		
6. Air Conditioning and Piping Systems	TPC Training Systems #436 Air Conditioning and Refrigeration Systems Maintenance	Unit 436: 10 Study Hours Request and complete Handout Exam.	Unit 436		
7. Control Systems	TPC Training Systems #437 Air Conditioning and Refrigeration Systems Maintenance	Unit 437: 10 Study Hours Request and complete Handout Exam.	Unit 437		
8. Thermodynamics	Instructor's Materials	<b>Classroom attendance at SJFD O&amp;M - Training Center Class #17 - 40 Hours</b>	Instructor Test		

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SUBJECT	TEXT	ASSIGNMENTS	EXAMS	DATE	SCORE
9. Refrigeration and Air Conditioning	Thermal Engineering. Refrigeration and Air Conditioning Lab Manual	<b>Classroom attendance at SJFD O&amp;M - Training Center Class #22 - 40 Hours</b>	Instructor Test		
10. Safe Clearance Procedures	Project O&M Instruction OP-2	Classroom attendance. Instructor to certify.	Instructor Test		
11. 7th Six Month Final Exam	Review all text study material	Field Division Proctor to administer. Closed-book 7th-Six Month Final Exam	7th Six Month Final Exam		
12. 7th Six Month Achievement Test	Hands-on demonstration of proficiency	During working hours, task to be selected and graded by Supervisor.	Supervisor Test		